CompuMed™

MAC™5 ECG System - GE Healthcare

CompuMed offers the latest ECG technology with GE Healthcare's MAC 5 which is fully integrated into our telemedicine platform.

State-of-the-Art ECG Analysis

- Marquette™ 12SL ECG analysis program with measurement and interpretation
- HookUp Advisor™ allows you to identify a quality signal before acquisition
- Gender-specific interpretation provides improved sensitivity to Acute Myocardial Infarction in women

Streamlined Data Connectivity

- Seamless connectivity with CompuMed's online Portal, allowing 24/7 access to our Board-Certified Cardiologists
- Easily integrated to your EMR
- Secure connectivity via Ethernet, Wireless, USB
- PDF and XML export capabilities
- Internal storage for up to 300 ECGs

Smarter, Simpler Workflow

- Automatically detects when a lead has become disconnected
- Easy-to-read 8.9" color display is configurable to meet your needs
- On-screen preview of 12-lead waveforms and ECG results helps streamline review and diagnosis
- Patient data entry via Barcode scanner (available)
- **Convenient, integrated carrying handle to easily move device ➡**

Benefits

- Latest ECG Algorithm Technology
- Highly Secure & Flexible Communication
- Intuitive 8.9" Color Touchscreen Display
- Seamless Integration to CompuMed's Servers
- EMR Compatible
- Highly Portable

MAC 5 System Specs:

Instrument type: Microprocessor augmented automatic electrocardiograph; 10-lead wire acquisition with programmable lead configuration
ECG Interpretation: Marquette 12SL ECG Analysis for Adults & Pediatrics
Computerized measurements: 12-lead analysis w/measurements
ECG on-screen preview: Acquired 10 second ECG waveform
Acquisition mode: 10 seconds of instantaneous ECG acquisition
Heart rate meter: 30 to 300 BPM ±10% or 5 BPM
ECG data formats: GE Hi-Fidelity ECG, XML
External archiving: USB removable media
Pre-acquisition: Provides 10 seconds of instantaneous ECG acquisition
Digital rhythm: Up to 5 minutes of continuous rhythm storage
Full disclosure: Review 5 minutes of 12 Lead ECG, select 10 second Resting ECG records, generate 5 minute single lead full disclosure report
Storage: 300 records consisting of 10 second Resting ECG & rhythm records; 200 minutes Digital Rhythm or Full Disclosure records
Dynamic range: AC Differential ±5 mV, DC offset ±300 mV
Common mode rejection: >125 dB (>100 dB with AC filter disabled)
Input impedance: >50MΩ @ 10 Hz
Defibrillation protection: Per IEC 60601-2-25:2011
Patient leakage: <10µA
Display: 8.9" diagonal, LED backlit, 892 x 558 pixels
Display data: Heart rate, patient name, patient ID, date, clock, battery indicator, scrolling waveforms, lead labels, speed, gain & filter settings, warning messages, prompts, hookup advisor & help messages
Touch screen type: Projected Capacitive (PCAP) multipoint touch input that works while wearing medical exam gloves
Writer: Integrated thermal dot array
Paper: 8.43"x11" (modified letter), Z-fold thermal paper
Power supply: AC mains or battery operation
Battery specs: Min 180 minutes with acquiring & printing a single page ECG report every 15 mins (with five minutes auto standby enabled & all accessories connected, except KISS) Charge time: ~240 minutes
Physical specs: H: 125 mm, W: 325 mm, L: 370 mm, Weight: 4 Kg
ECG analysis frequency: 500 or 1000 samples/second/channel
Resolution: 4.88 µV
ECG management systems connectivity: MUSE™ Cardiology Information System Compatible (v8 or later) with bi-directional orders & ADT support; Transmit Resting ECG records to Cardiosoft via removable media (v6.73 or later) or via network (v7 or later)
Data export: Export of Resting ECG (in PDF, XML, & Hilltop format), Digital Rhythm & Full Disclosure reports in PDF format over Secures File Transfer Protocol (SFTP) or to a Shared folder
Wireless: 802.11 a/b/g/n wireless connectivity (2.4GHz/5GHz)
Network connector: 802.3 Ethernet interface via RJ45 connectivity

For More Information | **(310) 258-5000** | **sales@compumedinc.com** | **www.CompuMedinc.com**